Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 21 May 2021 until 23:59 on Saturday 22 May 2021

Forecast Issued on Friday 21 May 2021 at 03:02

Confidence: Very high for conditions to remain unsettled through the weekend and into the first part of next week. Moderate confidence for the details and timings of the band of rain on Sunday. Moderate for a gradual settling down in the weather from the middle of next week with drier conditions – though still on the cool side for May.
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Headline for Friday 21 May 2021: Heavy rain, fog, feeling cold in strong winds.

Mountain weather hazards on Friday 21 May 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Light rain	Drizzle
Precipitation probability					
80%	80%	70%	60%	80%	60%

Forecast for Friday 21 May 2021

Weather: Overcast for much of the day with outbreaks of occasionally heavy rain, and widespread low cloud shrouding hills. Some cloud breaks may develop later in the day. It will feel cold in strong south-easterly winds, gusting to near gale force over exposed peaks and ridges later in the evening, veering northerly later and easing.

Chance of cloud free mountain/hill tops above 600m: 10 percent through the day, perhaps 30 percent for a time during the late afternoon and evening as cloud breaks develop.

Visibility: Moderate to poor in heavy rain in valleys with nearby hills obscured. Very poor at altitude with widespread low cloud cover down to 400-500m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 21 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 S	9/12 E	11/15 NE	13/19 N	16/23 N	19/28 N	19/28 N
300	9/18 SE	7/13 E	9/16 NE	10/19 N	11/22 N	15/30 N	15/29 N
Valley	8/16 SE	8/15 E	10/18 NE	10/21 N	12/26 N	13/29 N	14/29 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	6/4	7/4	7/4	6/2	4/-1	3/-3
300	8/5	9/7	10/8	10/8	9/6	7/3	5/0
Valley	9/7	10/8	12/10	12/10	11/8	8/4	6/2
Freezing Level*	1600m	1700m	1600m	1600m	1600m	1500m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold in the strong winds, likely 10-15mph stronger across highest summits than shown at 600m

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 21 May 2021	28.8mm	29.2mm	30mm

Forecast for Saturday 22 May 2021

Weather: Rain will tend to clear during the early hours with broken cloud cover. An early frost is possible on exposed slopes. Some sunny spells are expected during the day with a few showers developing, then mainly dry with variable cloud into the evening.

Maximum wind: Moderate or fresh north-westerly winds, locally strong with gusts to 40 mph during the morning.

Chance of cloud free mountain/hill tops above 600m: 30 percent in the early hours, becoming 80 percent during the day.

Visibility: Mainly good or very good with distant hills visible. Perhaps moderate at first in early mist, and poor in any early fog on hills with occasional cloud down to 500m, lifting to near or above the summits by afternoon. Locally moderate in showers.

Temperature: **Valleys:** 3 deg C becoming 11 deg C.
At 600m: 0 deg C becoming 5 deg C.
Freezing level: Around the peaks at first and again later, slightly above peaks during the day.

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